

Patent Abstracts of Japan

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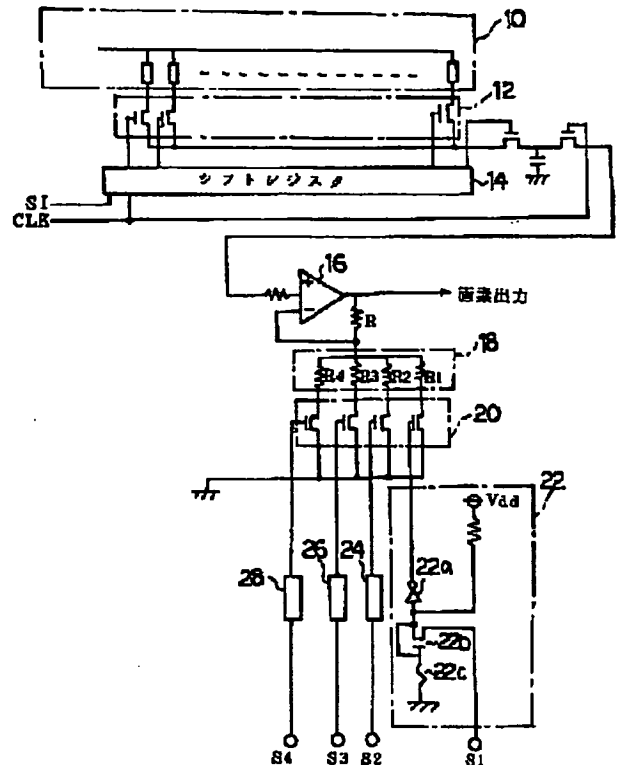
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TITLE : IMAGE SENSOR



ABSTRACT : PURPOSE: To suppress dispersion between chips by devising the image sensor such that an output signal level between chips, that is, an output picture element signal level from each chip is easily set to an object level.

CONSTITUTION: Signals from a picture element section 10 in which plural light receiving elements are arranged in parallel are selected sequentially by an analog switch section 12 with a control signal from a shift register 14 and outputted as a serial signal. A resistor array 18 comprising the parallel connection of plural resistors is connected to an output terminal of an operational amplifier 16 and a switching transistor group 20 is connected to other terminal of the resistor array 18. A gate terminal of the switching transistor group 20 connects to control circuits 22, 24, 26, 28, the amplification factor of the operational amplifier 16 is adjusted by burning out a trim fuse 22c to set an output signal level to a target level.

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